

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	391287	("4x" or (("4" or four) near2 (x or times)) or ("14" near2 "m/s") or ("14" near2 "m/sec"))	US-PGPUB; USPAT	OR	ON	2007/02/18 13:01
L2	3054	"dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/18 13:15
L3	47712	(cooling or off) near2 (pulse or period)	US-PGPUB; USPAT	OR	ON	2007/02/18 13:02
L4	55	L1 and L2 and L3	US-PGPUB; USPAT	OR	ON	2007/02/18 13:16
L5	45	L4 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/18 13:16
L6	5843	"dvd-rw"	US-PGPUB; USPAT	OR	ON	2007/02/18 13:15
L7	84	L1 and L6 and L3	US-PGPUB; USPAT	OR	ON	2007/02/18 13:16
L8	65	L7 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/18 13:16
L9	33	L8 not L5	US-PGPUB; USPAT	OR	ON	2007/02/18 14:50

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	((YASUO) near2 (SAWADA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:32
S2	48	((MASAKI) near2 (KATO)).INV.	USPAT; USOCR	OR	ON	2007/02/15 09:52
S3	79	((KATSUYUKI) near2 (YAMADA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:33
S4	30	((SHINYA) near2 (NARUMI)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:33
S5	64	(S1 or S2 or S3 or S4) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:53
S6	3	((MASAKI) near2 (KATOH)).INV.	USPAT; USOCR	OR	ON	2007/02/15 09:52
S7	44	((HAJIME) near2 (YUZURIHARA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:53
S8	26	S7 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:53
S9	50	((HIROSHI) near2 (DEGUCHI)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:55
S10	29	((EIKO) near2 (HIBINO)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:55
S11	15	((MIKIKO) near2 (ABE)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:55
S12	60	((HIROSHI) near2 (MIURA)).INV.	USPAT; USOCR	OR	ON	2007/02/15 09:55
S13	21	((KAZUNORI) near2 (ITO)).INV.	USPAT; USOCR	OR	ON	2007/02/15 09:56
S14	49	((MICHIHARU) near2 (ABE)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:56
S15	54	(S9 or S10 or S11 or S12 or S13 or S14) and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 09:56
S16	29	S15 not (S8 or S5)	US-PGPUB; USPAT	OR	ON	2007/02/15 10:00
S17	10244	ricoh.as.	US-PGPUB; USPAT	OR	ON	2007/02/15 10:00
S18	451	S17 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 10:01
S19	362	S17 and 369/59.11 or 369/59.12	US-PGPUB; USPAT	OR	ON	2007/02/15 10:02
S20	81	S19 and ((off or cool\$4) near2 pulse)	US-PGPUB; USPAT	OR	ON	2007/02/15 12:35
S24	2	"20040105952"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:32
S26	1	"20010019523"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:27

EAST Search History

S27	1	"20010053115"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:28
S29	1	"20030112732"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:29
S30	63	"5732062"	US-PGPUB; USPAT	OR	ON	2007/02/15 10:29
S31	243	(dvd near2 rw) same ((record\$4 or writ\$4) near2 (strategy or pulse))	US-PGPUB; USPAT	OR	ON	2007/02/15 12:31
S32	202	S31 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 10:33
S33	563	369/59.11.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:17
S34	250	369/59.12.ccls.	US-PGPUB; USPAT	OR	ON	2007/02/15 10:33
S35	86	S32 and (S33 or S34)	US-PGPUB; USPAT	OR	ON	2007/02/15 10:33
S36	1357	(velocity or speed) with (("4x" or ("14" near2 "m/s")) or ("3.14x" or ("11" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s")))	US-PGPUB; USPAT	OR	ON	2007/02/15 11:00
S37	18	S31 and S36	US-PGPUB; USPAT	OR	ON	2007/02/15 11:00
S38	1920	(velocity or speed or record\$4 or writ\$4) with (("4x" or ("14" near2 "m/s")) or ("3. 14x" or ("11" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s")))	US-PGPUB; USPAT	OR	ON	2007/02/15 11:02
S39	20	S31 and S38	US-PGPUB; USPAT	OR	ON	2007/02/15 11:02
S41	1926	(velocity or speed or record\$4 or writ\$4 or dvd) with (("4x" or ("14" near2 "m/s")) or ("3.14x" or ("11" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s")))	US-PGPUB; USPAT	OR	ON	2007/02/15 12:24
S42	21	S31 and S41	US-PGPUB; USPAT	OR	ON	2007/02/15 12:13
S44	23830	((record\$4 or writ\$4) near2 (strategy or pulse))	US-PGPUB; USPAT	OR	ON	2007/02/15 12:12
S45	181	S44 and S41	US-PGPUB; USPAT	OR	ON	2007/02/15 12:13
S46	45	S44 same S41	US-PGPUB; USPAT	OR	ON	2007/02/15 12:13
S49	491	((cool\$4 or off) near2 pulse) with zero	US-PGPUB; USPAT	OR	ON	2007/02/16 13:40
S50	5	S31 and S49	US-PGPUB; USPAT	OR	ON	2007/02/15 12:20
S52	907	((cool\$4 or off) near2 pulse) with (zero or "0")	US-PGPUB; USPAT	OR	ON	2007/02/15 16:22
S53	15	S31 and S52	US-PGPUB; USPAT	OR	ON	2007/02/15 12:20

EAST Search History

S55	8	(velocity or speed) same (("4x" or ("14" near2 "m/s")) or ("3.14x" or ("11" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s")) same "dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/16 12:33
S56	187	(velocity or speed) same "dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/15 12:26
S57	87	(velocity or speed) with "dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/15 12:26
S58	229	("dvd+rw") same ((record\$4 or writ\$4) near2 (strategy or pulse or (wave near2 form) or method))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:08
S59	5	S58 same (("4x" or (S4 near2 x) or ("14" near2 "m/s")) or ("3.14x" or ("3.14" near2 x) or ("11" near2 "m/s")) or ("2.4x" or ("2.4" near2 x) or ("8.4" near2 "m/s")))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:31
S60	47	S58 and ((off or cool\$4) near2 pulse)	US-PGPUB; USPAT	OR	ON	2007/02/15 12:35
S61	15	S58 same ((off or cool\$4) near2 pulse)	US-PGPUB; USPAT	OR	ON	2007/02/15 12:35
S62	11	"6560182" "5802032" "20010019523"	US-PGPUB; USPAT	OR	ON	2007/02/15 15:07
S63	108748	((record\$4 or writ\$4) near2 (strategy or pulse or (wave near2 form) or method))	US-PGPUB; USPAT	OR	ON	2007/02/15 15:09
S64	42621	((("4x" or (S4 near2 x) or ("14" near2 "m/s")) or ("3.14x" or ("3.14" near2 x) or ("11" near2 "m/s")) or ("2.4x" or ("2.4" near2 x) or ("8.4" near2 "m/s")))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:32
S65	89	S63 same S64	US-PGPUB; USPAT	OR	ON	2007/02/15 15:10
S66	42	S63 with S64	US-PGPUB; USPAT	OR	ON	2007/02/15 15:10
S67	838	(cool\$4 or off) with pulse with (width or duration or length) with (zero or "0")	US-PGPUB; USPAT	OR	ON	2007/02/15 16:23
S68	118	(cool\$4 or off) near5 pulse near5 (width or duration or length) near5 (zero or "0")	US-PGPUB; USPAT	OR	ON	2007/02/15 16:23
S69	9	S68 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/15 16:24
S70	7	("5978349" "6042921").PN. OR ("6333913").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 16:51
S71	1	"20010017833"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/15 16:56
S72	2	"6751513"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:15

EAST Search History

S73	14	("20010017833" "20010021154" "20020021594" "20020075789" "20030026195" "20030043712" "20030044719" "20030227850" "5732062" "6757232" "6791926" "6801240" "6886177" "6975577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:19
S74	4191	((first or front or multi) near2 pulse) near5 delay	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S75	108748	((record\$4 or writ\$4) near2 (strategy or pulse or (wave near2 form) or method))	US-PGPUB; USPAT	OR	ON	2007/02/16 08:19
S76	97	S75 same S74	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S77	40	S76 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S78	92	S74 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:41
S80	406	S75 and S74	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:41
S86	14273	((first or front or multi) near2 pulse) near5 (delay or duration or width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S87	630	S75 same S86	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S88	395	S87 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 08:45
S89	197	S87 and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 10:20
S90	1	10/919489	US-PGPUB; USPAT	OR	ON	2007/02/16 10:18
S91	0	"10684837"	US-PGPUB; USPAT	OR	ON	2007/02/16 10:18
S92	1	"10/684837"	US-PGPUB; USPAT	OR	ON	2007/02/16 10:18
S93	36	((WOOK-YEON) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:19
S94	46	((YONG-JIN) near2 (AHN)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:19
S95	40	((TATSUHIRO) near2 (OTSUKA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:19
S96	259	((IN-SIK) near2 (PARK)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:19
S97	324	S93 or S94 or S95 or S96	US-PGPUB; USPAT	OR	ON	2007/02/16 10:20

EAST Search History

S98	267	S97 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:20
S99	30	S97 and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 10:30
S100	47	((SHINJI) near2 (FUJITA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:23
S101	238	((TAKESHI) near2 (MAEDA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:23
S102	1	((MANABU) near2 (SHIOZAWA)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:23
S103	42	((TAKAHIRO) near2 (KUROKAWA)). INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 10:24
S104	321	S100 or S101 or S102 or S103	US-PGPUB; USPAT	OR	ON	2007/02/16 10:24
S105	19	S104 and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 10:24
S106	441	((cool\$4 or off) near2 pulse) near5 (zero or "0T" or "0" or "=0" or "=0T" or ("0" near2 T))	US-PGPUB; USPAT	OR	ON	2007/02/16 10:38
S107	28	S106 and (369/59.11.ccls. or 369/59.12.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 10:30
S108	7	09/149051	US-PGPUB; USPAT	OR	ON	2007/02/16 10:42
S109	2	11/170155	US-PGPUB; USPAT	OR	ON	2007/02/16 10:39
S110	3	10/372675	US-PGPUB; USPAT	OR	ON	2007/02/16 12:28
S112	30	((SHINYA) near2 (NARUMI)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 12:30
S114	8	(velocity or speed) same (("4x" or ("14" near2 "m/s")) or ("3.14x" or ("11" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s")))) same "dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/16 12:33
S115	45622	((("4x" or ("14" near2 "m/s")) or ("1x" or ("3.5" near2 "m/s")) or ("2.4x" or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:34
S116	15	((("4x" or ("14" near2 "m/s")) same ("1x" or ("3.5" near2 "m/s")) same ("2.4x" or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:37
S117	15	((("4x" or ("4" near2 x) or ("14" near2 "m/s")) same ("1x" or ("3.5" near2 "m/s")) same ("2.4x" or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:36
S118	36	((("4x" or ("4" near2 "x") or ("14" near2 "m/s")) same ("1x" or ("1" near2 "x") or ("3. 5" near2 "m/s")) same ("2.4x" or ("2.4" near2 "x") or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:38

EAST Search History

S119	54	((("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) same ("1x" or ("1" near2 "x") or ("3.5" near2 "m/s")) same ("2.4x" or ("2.4" near2 times) or ("2.4" near2 "x") or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 12:39
S120	6	((("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) same ("1x" or ("1" near2 "x") or ("3.5" near2 "m/s")) same ("2.4x" or ("2.4" near2 times) or ("2.4" near2 "x") or ("8.4" near2 "m/s")))) same (record\$4 or writ\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 12:42
S121	425	((("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) and ("1x" or ("1" near2 "x") or ("3.5" near2 "m/s")) and ("2.4x" or ("2.4" near2 times) or ("2.4" near2 "x") or ("8.4" near2 "m/s")))) and (record\$4 or writ\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 13:55
S122	17	S121 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 12:49
S123	20	((("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) same ("2.4x" or ("2.4" near2 times) or ("2.4" near2 "x") or ("8.4" near2 "m/s")))) same (record\$4 or writ\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 13:09
S124	13373	("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) same (record\$4 or writ\$4)	US-PGPUB; USPAT	OR	ON	2007/02/16 12:49
S125	222	("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) same ((record\$4 or writ\$4) near2 (strategy or pulse))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:26
S126	73	S125 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:00
S127	13	("20010053115" "20020167878" "20030015519" "20030156519" "20030210642" "20040052165" "20040248036" "5412626" "5818808" "5848043" "6256277" "6411579" "6898174").PN.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:00
S128	17	((MASAAKI) near2 (MIZUNO)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:02
S129	38	((HIROYUKI) near2 (HOSHINO)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:03
S130	102	((TAKASHI) near2 (OHNO)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:03
S131	37	S130 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:41
S132	54	((MICHIKAZU) near2 (HORIE)).INV.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:06
S133	229	("dvd+rw") same ((record\$4 or writ\$4) near2 (strategy or pulse or (wave near2 form) or method))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:08

EAST Search History

S134	3129	("dvd") same ((record\$4 or writ\$4) near2 (strategy or pulse or (wave near2 form) or method))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:08
S135	278948	((("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 "m/s")) or ("2.4x" or ("2.4" near2 times) or ("2.4" near2 "x") or ("8.4" near2 "m/s"))))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:10
S136	50	S135 same S134	US-PGPUB; USPAT	OR	ON	2007/02/16 13:10
S137	2	("14" near2 "m/sec") same ((record\$4 or writ\$4) near2 (strategy or pulse))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:27
S138	108	((cool\$4 or off) near2 pulse) same ("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 ("m/s" or "m/sec")))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:48
S139	14	S138 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:48
S140	107	((cool\$4 or off) near2 pulse) same dvd	US-PGPUB; USPAT	OR	ON	2007/02/16 13:56
S141	97	S140 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:49
S142	35	((cool\$4 or off) near2 pulse) same dvd same (speed or velocity)	US-PGPUB; USPAT	OR	ON	2007/02/16 13:49
S143	31	S142 and "369".clas.	US-PGPUB; USPAT	OR	ON	2007/02/16 13:55
S144	3054	"dvd+rw"	US-PGPUB; USPAT	OR	ON	2007/02/16 14:30
S145	272749	("4x" or ("4" near2 times) or ("4" near2 "x") or ("14" near2 ("m/s" or "m/sec")))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:56
S146	18080	((cool\$4 or off) near2 pulse) or ((cool\$4 or off) near2 pulse near5 (duration or width or period))	US-PGPUB; USPAT	OR	ON	2007/02/16 13:58
S147	108	S145 same S146	US-PGPUB; USPAT	OR	ON	2007/02/16 13:58
S148	4	S147 and S144	US-PGPUB; USPAT	OR	ON	2007/02/16 13:59
S149	12	S147 and dvd	US-PGPUB; USPAT	OR	ON	2007/02/16 14:28
S150	8	S149 not S148	US-PGPUB; USPAT	OR	ON	2007/02/16 13:59
S151	45	S145 and S146 and S144	US-PGPUB; USPAT	OR	ON	2007/02/16 14:30